

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1    | 1    | "6446198".pn.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/10/02 11:00 |
| L2    | 154  | 712/4.ccls.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/10/02 11:00 |
| L3    | 65   | 712/5.ccls.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/10/02 11:00 |
| L4    | 73   | 712/6.ccls.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/10/02 11:00 |
| L5    | 31   | ("4,467,421" "4,782,325" "5,101,487" "5,155,824" "5,177,704" "5,237,675" "5,249,283" "5,278,970" "5,280,600" "5,353,426" "5,481,487" "5,530,933" "5,712,996" "5,742,529" "5,835,389" "5,978,896" "6,036,350" "6,243,803" "6,249,853" "6,282,556" "6,330,654" "6,363,475" "6,389,526" "6,404,816" "6,404,923" "6,529,968" "6,553,430" "6,681,292" "6,721,813" "6,829,683" "20030005267").pn. | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/10/02 11:00 |
| L6    | 1    | "6334176".pn.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/10/02 11:00 |
| L7    | 22   | (L6 L5) and (table indices index)   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/10/02 11:00 |
| L8    | 26   | (string word) with (divid\$3 segment\$3 partition\$3) same (multiple plurality) with (lookup look-up) and g06f\$.ipc.   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/10/02 11:00 |
| L9    | 189  | ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/10/02 11:00 |
| L10   | 22   | (index indices) same ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/10/02 11:00 |
| L11   | 9    | (index indices) same ((multiple plurality) near5 (lookup look-up) near3 tables!) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/10/02 11:00 |
| L12   | 43   | (parallel simultaneous\$2) with ((multiple plurality) with (lookup look-up) near3 tables!) and g06f\$.ipc.  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/10/02 11:00 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| L13 | 17   | ("20030103626"   "20030133568"   "20040145942"   "3303477"   "5062057"   "5101338"   "5386523"   "5696941"   "5832290"   "5996057"   "5996066"   "6138208"   "6223320"   "6285607"   "6480845"   "6539477").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L14 | 5    | ("5537421"   "5619516"   "5778013"   "5959786"   "6029186").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L15 | 20   | ("6223320").URPN.   | USPAT                        | OR | OFF | 2007/10/02 11:00 |
| L16 | 2    | ("6223320"   "6327651").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L17 | 95   | (parallel simultaneous\$2) with (lookup look-up) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L18 | 1    | Simar.in. and @pd>="19980701" and @pd<="19980731"   | EPO                          | OR | OFF | 2007/10/02 11:00 |
| L19 | 0    | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | EPO                          | OR | OFF | 2007/10/02 11:00 |
| L20 | 1    | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.   | EPO                          | OR | ON  | 2007/10/02 11:00 |
| L21 | 1    | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L22 | 71   | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L23 | 62   | (lookup look-up) adj tables! with (different variable vary\$3) with (length width size) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L24 | 35   | (lookup look-up) adj tables! with (different variable vary\$3) near4 size and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L25 | 2572 | "memory controller" with integrat\$3 with processor and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L26 | 184  | "memory controller" with integrat\$3 with processor with single near2 (circuit chip) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L27 | 672  | (lookup look-up) near2 tables with priorit\$3   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| L28 | 22  | (lookup look-up) near2 tables! with priorit\$3 and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L29 | 343 | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L30 | 91  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L31 | 108 | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L32 | 45  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L33 | 189 | ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L34 | 17  | ("20030103626"   "20030133568"   "20040145942"   "3303477"   "5062057"   "5101338"   "5386523"   "5696941"   "5832290"   "5996057"   "5996066"   "6138208"   "6223320"   "6285607"   "6480845"   "6539477").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L35 | 91  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L36 | 0   | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | EPO                          | OR | OFF | 2007/10/02 11:00 |
| L37 | 22  | (lookup look-up) near2 tables! with priorit\$3 and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L38 | 1   | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L39 | 154 | 712/4.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L40 | 35  | (lookup look-up) adj tables! with (different variable vary\$3) near4 size and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L41 | 73  | 712/6.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| L42 | 9    | (index indices) same ((multiple plurality) near5 (lookup look-up) near3 tables!) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L43 | 1    | "6334176".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L44 | 62   | (lookup look-up) adj tables! with (different variable vary\$3) with (length width size) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L45 | 22   | (index indices) same ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L46 | 108  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L47 | 65   | 712/5.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L48 | 672  | (lookup look-up) near2 tables with priorit\$3   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L49 | 26   | (string word) with (divid\$3 segment\$3 partition\$3) same (multiple plurality) with (lookup look-up) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L50 | 45   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L51 | 31   | ("4,467,421" "4,782,325" "5,101,487" "5,155,824" "5,177,704" "5,237,675" "5,249,283" "5,278,970" "5,280,600" "5,353,426" "5,481,487" "5,530,933" "5,712,996" "5,742,529" "5,835,389" "5,978,896" "6,036,350" "6,243,803" "6,249,853" "6,282,556" "6,330,654" "6,363,475" "6,389,526" "6,404,816" "6,404,923" "6,529,968" "6,553,430" "6,681,292" "6,721,813" "6,829,683" "20030005267").pn. | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L52 | 22   | (L43 L51) and (table indices index)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L53 | 1    | "6446198".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L54 | 2572 | "memory controller" with integrat\$3 with processor and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L55 | 95   | (parallel simultaneous\$2) with (lookup look-up) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| L56 | 20  | ("6223320").URPN.   | USPAT                        | OR | OFF | 2007/10/02 11:00 |
| L57 | 1   | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc. | EPO                          | OR | ON  | 2007/10/02 11:00 |
| L58 | 1   | Simar.in. and @pd>="19980701" and @pd<="19980731"   | EPO                          | OR | OFF | 2007/10/02 11:00 |
| L59 | 5   | ("5537421"   "5619516"   "5778013"   "5959786"   "6029186").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L60 | 71  | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc. | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L61 | 343 | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L62 | 43  | (parallel simultaneous\$2) with ((multiple plurality) with (lookup look-up) near3 tables!) and g06f\$.ipc.                    | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L63 | 184 | "memory controller" with integrat\$3 with processor with single near2 (circuit chip) and g06f\$.ipc.                          | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L64 | 2   | ("6223320"   "6327651").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L65 | 9   | (index indices) same ((multiple plurality) near5 (lookup look-up) near3 tables!) same combin\$5 and g06f\$.ipc.               | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L66 | 73  | 712/6.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L67 | 343 | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L68 | 1   | Simar.in. and @pd>="19980701" and @pd<="19980731"   | EPO                          | OR | OFF | 2007/10/02 11:00 |
| L69 | 1   | "6334176".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L70 | 1   | "6446198".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L71 | 65  | 712/5.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| L72 | 1    | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc. | EPO                          | OR | ON  | 2007/10/02 11:00 |
| L73 | 0    | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.          | EPO                          | OR | OFF | 2007/10/02 11:00 |
| L74 | 26   | (string word) with (divid\$3 segment\$3 partition\$3) same (multiple plurality) with (lookup look-up) and g06f\$.ipc.         | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L75 | 22   | (index indices) same ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.                 | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L76 | 9    | (index indices) same ((multiple plurality) near5 (lookup look-up) near3 tables!) same combin\$5 and g06f\$.ipc.               | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L77 | 43   | (parallel simultaneous\$2) with ((multiple plurality) with (lookup look-up) near3 tables!) and g06f\$.ipc.                    | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:16 |
| L78 | 2572 | "memory controller" with integrat\$3 with processor and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L79 | 26   | (string word) with (divid\$3 segment\$3 partition\$3) same (multiple plurality) with (lookup look-up) and g06f\$.ipc.         | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L80 | 5    | ("5537421"   "5619516"   "5778013"   "5959786"   "6029186").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L81 | 43   | (parallel simultaneous\$2) with ((multiple plurality) with (lookup look-up) near3 tables!) and g06f\$.ipc.                    | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L82 | 2    | ("6223320"   "6327651").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L83 | 95   | (parallel simultaneous\$2) with (lookup look-up) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L84 | 1    | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc. | EPO                          | OR | ON  | 2007/10/02 11:00 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| L85 | 672 | (lookup look-up) near2 tables with priorit\$3   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L86 | 73  | 712/6.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L87 | 154 | 712/4.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L88 | 31  | ("4,467,421" "4,782,325" "5,101,487" "5,155,824" "5,177,704" "5,237,675" "5,249,283" "5,278,970" "5,280,600" "5,353,426" "5,481,487" "5,530,933" "5,712,996" "5,742,529" "5,835,389" "5,978,896" "6,036,350" "6,243,803" "6,249,853" "6,282,556" "6,330,654" "6,363,475" "6,389,526" "6,404,816" "6,404,923" "6,529,968" "6,553,430" "6,681,292" "6,721,813" "6,829,683" "20030005267").pn. | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L89 | 71  | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L90 | 343 | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L91 | 62  | (lookup look-up) adj tables! with (different variable vary\$3) with (length width size) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L92 | 17  | ("20030103626"   "20030133568"   "20040145942"   "3303477"   "5062057"   "5101338"   "5386523"   "5696941"   "5832290"   "5996057"   "5996066"   "6138208"   "6223320"   "6285607"   "6480845"   "6539477").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L93 | 1   | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L94 | 22  | (index indices) same ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L95 | 1   | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L96 | 189 | ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |

## EAST Search History

|      |      |   |                              |    |     |                  |
|------|------|---|------------------------------|----|-----|------------------|
| L97  | 20   | ("6223320").URPN.   | USPAT                        | OR | OFF | 2007/10/02 11:00 |
| L98  | 91   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L99  | 17   | ("20030103626"   "20030133568"   "20040145942"   "3303477"   "5062057"   "5101338"   "5386523"   "5696941"   "5832290"   "5996057"   "5996066"   "6138208"   "6223320"   "6285607"   "6480845"   "6539477").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/10/02 11:00 |
| L100 | 2572 | "memory controller" with integrat\$3 with processor and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L101 | 108  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L102 | 65   | 712/5.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L103 | 62   | (lookup look-up) adj tables! with (different variable vary\$3) with (length width size) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L104 | 1    | Simar.in. and @pd>="19980701" and @pd<="19980731"   | EPO                          | OR | OFF | 2007/10/02 11:00 |
| L105 | 108  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L106 | 0    | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | EPO                          | OR | OFF | 2007/10/02 11:00 |
| L107 | 91   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L108 | 1    | "6334176".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/10/02 11:00 |
| L109 | 672  | (lookup look-up) near2 tables with priorit\$3   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L110 | 189  | ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |
| L111 | 45   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/10/02 11:00 |

## EAST Search History

|      |     |   |                        |    |     |                  |
|------|-----|---|------------------------|----|-----|------------------|
| L112 | 35  | (lookup look-up) adj tables! with (different variable vary\$3) near4 size and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:00 |
| L113 | 22  | (lookup look-up) near2 tables! with priorit\$3 and g06f\$.ipc.  | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:00 |
| L114 | 22  | (L108 L88) and (table indices index)  | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:00 |
| L115 | 35  | (lookup look-up) adj tables! with (different variable vary\$3) near4 size and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:00 |
| L116 | 22  | (lookup look-up) near2 tables! with priorit\$3 and g06f\$.ipc.  | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:00 |
| L117 | 45  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:15 |
| L118 | 20  | ("6223320").URPN.   | USPAT                  | OR | OFF | 2007/10/02 11:00 |
| L119 | 31  | ("4,467,421" "4,782,325" "5,101,487" "5,155,824" "5,177,704" "5,237,675" "5,249,283" "5,278,970" "5,280,600" "5,353,426" "5,481,487" "5,530,933" "5,712,996" "5,742,529" "5,835,389" "5,978,896" "6,036,350" "6,243,803" "6,249,853" "6,282,556" "6,330,654" "6,363,475" "6,389,526" "6,404,816" "6,404,923" "6,529,968" "6,553,430" "6,681,292" "6,721,813" "6,829,683" "20030005267").pn. | US-PGPUB; USPAT        | OR | OFF | 2007/10/02 11:00 |
| L120 | 95  | (parallel simultaneous\$2) with (lookup look-up) same combin\$5 and g06f\$.ipc.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/02 11:00 |
| L121 | 22  | (L69 L119) and (table indices index)  | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:00 |
| L122 | 154 | 712/4.ccls.   | US-PGPUB; USPAT        | OR | OFF | 2007/10/02 11:00 |
| L123 | 184 | "memory controller" with integrat\$3 with processor with single near2 (circuit chip) and g06f\$.ipc.  | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:00 |
| L124 | 5   | ("5537421"   "5619516"   "5778013"   "5959786"   "6029186").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/02 11:00 |
| L125 | 71  | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/10/02 11:00 |
| L126 | 2   | ("6223320"   "6327651").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/10/02 11:00 |

## EAST Search History

|      |     |   |   |    |     |                  |
|------|-----|---|---|----|-----|------------------|
| L127 | 184 | "memory controller" with integrat\$3 with processor with single near2 (circuit chip) and g06f\$.ipc.  | US-PGPUB; USPAT                         | OR | ON  | 2007/10/02 11:06 |
| L128 | 1   | "6446198".pn.   | US-PGPUB; USPAT                         | OR | OFF | 2007/10/02 11:00 |
| L129 | 1   | "7055018".pn.   | US-PGPUB; USPAT                         | OR | ON  | 2007/10/02 11:06 |
| L130 | 5   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc.   | USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/02 11:15 |
| L131 | 3   | (parallel simultaneous\$2) with ((multiple plurality) with (lookup look-up) near3 tables!) and g06f\$.ipc.  | USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/10/02 11:16 |
| S1   | 1   | "6446198".pn.   | US-PGPUB; USPAT                         | OR | OFF | 2005/04/29 14:42 |
| S2   | 128 | 712/4.ccls.   | US-PGPUB; USPAT                         | OR | OFF | 2005/05/02 16:11 |
| S3   | 47  | 712/5.ccls.   | US-PGPUB; USPAT                         | OR | OFF | 2005/05/02 16:11 |
| S4   | 66  | 712/6.ccls.   | US-PGPUB; USPAT                         | OR | OFF | 2005/05/02 16:11 |
| S5   | 31  | ("4,467,421" "4,782,325" "5,101,487" "5,155,824" "5,177,704" "5,237,675" "5,249,283" "5,278,970" "5,280,600" "5,353,426" "5,481,487" "5,530,933" "5,712,996" "5,742,529" "5,835,389" "5,978,896" "6,036,350" "6,243,803" "6,249,853" "6,282,556" "6,330,654" "6,363,475" "6,389,526" "6,404,816" "6,404,923" "6,529,968" "6,553,430" "6,681,292" "6,721,813" "6,829,683" "20030005267").pn. | US-PGPUB; USPAT                         | OR | OFF | 2005/10/12 13:52 |
| S6   | 1   | "6334176".pn.   | US-PGPUB; USPAT                         | OR | OFF | 2005/10/12 16:31 |
| S7   | 22  | (S6 S5) and (table indices index)   | US-PGPUB; USPAT                         | OR | ON  | 2005/10/12 13:48 |
| S8   | 17  | (string word) with (divid\$3 segment\$3 partition\$3) same (multiple plurality) with (lookup look-up) and g06f\$.ipc.   | US-PGPUB; USPAT                         | OR | ON  | 2005/10/12 13:57 |
| S9   | 152 | ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.  | US-PGPUB; USPAT                         | OR | ON  | 2005/10/12 13:58 |

## EAST Search History

|     |    |   |                              |    |     |                  |
|-----|----|---|------------------------------|----|-----|------------------|
| S10 | 16 | (index indices) same ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/12 13:58 |
| S11 | 7  | (index indices) same ((multiple plurality) near5 (lookup look-up) near3 tables!) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/12 13:59 |
| S12 | 31 | (parallel simultaneous\$2) with ((multiple plurality) with (lookup look-up) near3 tables!) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/12 14:00 |
| S13 | 17 | ("20030103626"   "20030133568"   "20040145942"   "3303477"   "5062057"   "5101338"   "5386523"   "5696941"   "5832290"   "5996057"   "5996066"   "6138208"   "6223320"   "6285607"   "6480845"   "6539477").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/12 14:15 |
| S14 | 5  | ("5537421"   "5619516"   "5778013"   "5959786"   "6029186").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/12 14:24 |
| S15 | 6  | ("6223320").URPN.   | USPAT                        | OR | OFF | 2005/10/12 14:40 |
| S16 | 2  | ("6223320"   "6327651").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/12 14:53 |
| S17 | 78 | (parallel simultaneous\$2) with (lookup look-up) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/10/12 14:55 |
| S19 | 1  | Simar.in. and @pd>="19980701" and @pd<="19980731"   | EPO                          | OR | OFF | 2005/10/13 08:09 |
| S20 | 0  | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | EPO                          | OR | OFF | 2005/10/13 08:10 |
| S21 | 1  | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.   | EPO                          | OR | ON  | 2005/10/13 08:11 |
| S22 | 52 | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/13 08:31 |
| S23 | 1  | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/13 08:12 |

## EAST Search History

|     |      |   |                 |    |     |                  |
|-----|------|---|-----------------|----|-----|------------------|
| S24 | 48   | (lookup look-up) adj tables! with (different variable vary\$3) with (length width size) and g06f\$.ipc.   | US-PGPUB; USPAT | OR | ON  | 2005/10/13 08:32 |
| S25 | 26   | (lookup look-up) adj tables! with (different variable vary\$3) near4 size and g06f\$.ipc.   | US-PGPUB; USPAT | OR | ON  | 2005/10/13 10:02 |
| S26 | 1702 | "memory controller" with integrat\$3 with processor and g06f\$.ipc.   | US-PGPUB; USPAT | OR | ON  | 2005/10/13 10:02 |
| S27 | 132  | "memory controller" with integrat\$3 with processor with single near2 (circuit chip) and g06f\$.ipc.  | US-PGPUB; USPAT | OR | ON  | 2005/10/13 11:31 |
| S28 | 492  | (lookup look-up) near2 tables with priorit\$3   | US-PGPUB; USPAT | OR | ON  | 2005/10/13 15:26 |
| S29 | 15   | (lookup look-up) near2 tables! with priorit\$3 and g06f\$.ipc.  | US-PGPUB; USPAT | OR | ON  | 2005/10/13 15:26 |
| S30 | 291  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses)   | US-PGPUB; USPAT | OR | ON  | 2006/04/05 13:29 |
| S31 | 81   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two)   | US-PGPUB; USPAT | OR | ON  | 2006/04/05 13:29 |
| S32 | 39   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc.   | US-PGPUB; USPAT | OR | ON  | 2006/04/05 13:29 |
| S33 | 93   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) and g06f\$.ipc.   | US-PGPUB; USPAT | OR | ON  | 2006/04/05 13:29 |
| S34 | 1    | "6446198".pn.   | US-PGPUB; USPAT | OR | OFF | 2006/10/31 16:50 |
| S35 | 146  | 712/4.ccls.   | US-PGPUB; USPAT | OR | OFF | 2006/10/31 16:50 |
| S36 | 61   | 712/5.ccls.   | US-PGPUB; USPAT | OR | OFF | 2006/10/31 16:50 |
| S37 | 71   | 712/6.ccls.   | US-PGPUB; USPAT | OR | OFF | 2006/10/31 16:50 |
| S38 | 31   | ("4,467,421" "4,782,325" "5,101,487" "5,155,824" "5,177,704" "5,237,675" "5,249,283" "5,278,970" "5,280,600" "5,353,426" "5,481,487" "5,530,933" "5,712,996" "5,742,529" "5,835,389" "5,978,896" "6,036,350" "6,243,803" "6,249,853" "6,282,556" "6,330,654" "6,363,475" "6,389,526" "6,404,816" "6,404,923" "6,529,968" "6,553,430" "6,681,292" "6,721,813" "6,829,683" "20030005267").pn. | US-PGPUB; USPAT | OR | OFF | 2006/10/31 16:50 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| S39 | 1   | "6334176".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/10/31 16:50 |
| S40 | 22  | (S39 S38) and (table indices index)   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/10/31 16:50 |
| S41 | 22  | (string word) with (divid\$3<br>segment\$3 partition\$3) same<br>(multiple plurality) with (lookup<br>look-up) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/10/31 16:50 |
| S42 | 173 | ((multiple plurality) with (lookup<br>look-up) near3 tables) same<br>combin\$5 and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/10/31 16:50 |
| S43 | 20  | (index indices) same ((multiple<br>plurality) with (lookup look-up)<br>near3 tables) same combin\$5 and<br>g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/10/31 16:50 |
| S44 | 9   | (index indices) same ((multiple<br>plurality) near5 (lookup look-up)<br>near3 tables!) same combin\$5 and<br>g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/10/31 16:50 |
| S45 | 41  | (parallel simultaneous\$2) with<br>((multiple plurality) with (lookup<br>look-up) near3 tables!) and g06f\$.<br>ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/10/31 16:50 |
| S46 | 17  | ("20030103626"   "20030133568"  <br>"20040145942"   "3303477"  <br>"5062057"   "5101338"   "5386523"<br>  "5696941"   "5832290"  <br>"5996057"   "5996066"   "6138208"<br>  "6223320"   "6285607"  <br>"6480845"   "6539477").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/31 16:50 |
| S47 | 5   | ("5537421"   "5619516"   "5778013"<br>  "5959786"   "6029186").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/31 16:50 |
| S48 | 12  | ("6223320").URPN.   | USPAT                        | OR | OFF | 2006/10/31 16:50 |
| S49 | 2   | ("6223320"   "6327651").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/31 16:50 |
| S50 | 91  | (parallel simultaneous\$2) with<br>(lookup look-up) same combin\$5<br>and g06f\$.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/31 16:50 |
| S51 | 1   | Simar.in. and @pd>="19980701"<br>and @pd<="19980731"  | EPO                          | OR | OFF | 2006/10/31 16:50 |
| S52 | 0   | (lookup look-up) with (different<br>variable vary\$3) near3 (length width<br>size) near4 (index\$3 indice) and<br>g06f\$.ipc.   | EPO                          | OR | OFF | 2006/10/31 16:50 |

## EAST Search History

|     |      |   |                    |    |     |                  |
|-----|------|---|--------------------|----|-----|------------------|
| S53 | 1    | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.       | EPO                | OR | ON  | 2006/10/31 16:50 |
| S54 | 1    | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.                | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S55 | 62   | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.       | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S56 | 56   | (lookup look-up) adj tables! with (different variable vary\$3) with (length width size) and g06f\$.ipc.                             | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S57 | 32   | (lookup look-up) adj tables! with (different variable vary\$3) near4 size and g06f\$.ipc.   | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S58 | 2238 | "memory controller" with integrat\$3 with processor and g06f\$.ipc.   | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S59 | 162  | "memory controller" with integrat\$3 with processor with single near2 (circuit chip) and g06f\$.ipc.                                | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 17:15 |
| S60 | 591  | (lookup look-up) near2 tables with priorit\$3   | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S61 | 16   | (lookup look-up) near2 tables! with priorit\$3 and g06f\$.ipc.  | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S62 | 320  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S63 | 88   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two)                 | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S64 | 101  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) and g06f\$.ipc.                               | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S65 | 43   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc. | US-PGPUB;<br>USPAT | OR | ON  | 2006/10/31 16:50 |
| S66 | 1    | "6446198".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/16 11:07 |
| S67 | 149  | 712/4.ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/16 11:07 |
| S68 | 63   | 712/5.ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/16 11:07 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| S69 | 71  | 712/6.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/16 11:07 |
| S70 | 31  | ("4,467,421" "4,782,325" "5,101,487" "5,155,824" "5,177,704" "5,237,675" "5,249,283" "5,278,970" "5,280,600" "5,353,426" "5,481,487" "5,530,933" "5,712,996" "5,742,529" "5,835,389" "5,978,896" "6,036,350" "6,243,803" "6,249,853" "6,282,556" "6,330,654" "6,363,475" "6,389,526" "6,404,816" "6,404,923" "6,529,968" "6,553,430" "6,681,292" "6,721,813" "6,829,683" "20030005267").pn. | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/16 11:07 |
| S71 | 1   | "6334176".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/16 11:07 |
| S72 | 22  | (S71 S70) and (table indices index)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S73 | 24  | (string word) with (divid\$3 segment\$3 partition\$3) same (multiple plurality) with (lookup look-up) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S74 | 179 | ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S75 | 20  | (index indices) same ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S76 | 9   | (index indices) same ((multiple plurality) near5 (lookup look-up) near3 tables!) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S77 | 42  | (parallel simultaneous\$2) with ((multiple plurality) with (lookup look-up) near3 tables!) and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S78 | 17  | ("20030103626"   "20030133568"   "20040145942"   "3303477"   "5062057"   "5101338"   "5386523"   "5696941"   "5832290"   "5996057"   "5996066"   "6138208"   "6223320"   "6285607"   "6480845"   "6539477").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/16 11:07 |
| S79 | 5   | ("5537421"   "5619516"   "5778013"   "5959786"   "6029186").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/16 11:07 |
| S80 | 14  | ("6223320").URPN.   | USPAT                        | OR | OFF | 2007/04/16 11:07 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S81 | 2    | ("6223320"   "6327651").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/16 11:07 |
| S82 | 94   | (parallel simultaneous\$2) with (lookup look-up) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/16 11:07 |
| S83 | 1    | Simar.in. and @pd>="19980701" and @pd<="19980731"   | EPO                          | OR | OFF | 2007/04/16 11:07 |
| S84 | 0    | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.          | EPO                          | OR | OFF | 2007/04/16 11:07 |
| S85 | 1    | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc. | EPO                          | OR | ON  | 2007/04/16 11:07 |
| S86 | 1    | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.          | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S87 | 66   | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc. | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S88 | 60   | (lookup look-up) adj tables! with (different variable vary\$3) with (length width size) and g06f\$.ipc.                       | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S89 | 34   | (lookup look-up) adj tables! with (different variable vary\$3) near4 size and g06f\$.ipc.                                     | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S90 | 2401 | "memory controller" with integrat\$3 with processor and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S91 | 170  | "memory controller" with integrat\$3 with processor with single near2 (circuit chip) and g06f\$.ipc.                          | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S92 | 632  | (lookup look-up) near2 tables with priorit\$3   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S93 | 20   | (lookup look-up) near2 tables! with priorit\$3 and g06f\$.ipc.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S94 | 332  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:07 |
| S95 | 88   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two)           | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |

## EAST Search History

|      |     |   |                        |    |     |                  |
|------|-----|---|------------------------|----|-----|------------------|
| S96  | 105 | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |
| S97  | 43  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |
| S98  | 179 | ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.  | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |
| S99  | 17  | ("20030103626"   "20030133568"   "20040145942"   "3303477"   "5062057"   "5101338"   "5386523"   "5696941"   "5832290"   "5996057"   "5996066"   "6138208"   "6223320"   "6285607"   "6480845"   "6539477").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/16 11:08 |
| S100 | 88  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two)   | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |
| S101 | 0   | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | EPO                    | OR | OFF | 2007/04/16 11:08 |
| S102 | 20  | (lookup look-up) near2 tables! with priorit\$3 and g06f\$.ipc.  | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |
| S103 | 1   | (lookup look-up) with (different variable vary\$3) near3 (length width size) near4 (index\$3 indice) and g06f\$.ipc.  | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |
| S104 | 149 | 712/4.ccls.   | US-PGPUB; USPAT        | OR | OFF | 2007/04/16 11:08 |
| S105 | 34  | (lookup look-up) adj tables! with (different variable vary\$3) near4 size and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |
| S106 | 71  | 712/6.ccls.   | US-PGPUB; USPAT        | OR | OFF | 2007/04/16 11:08 |
| S107 | 9   | (index indices) same ((multiple plurality) near5 (lookup look-up) near3 tables!) same combin\$5 and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |
| S108 | 1   | "6334176".pn.   | US-PGPUB; USPAT        | OR | OFF | 2007/04/16 11:08 |
| S109 | 60  | (lookup look-up) adj tables! with (different variable vary\$3) with (length width size) and g06f\$.ipc.   | US-PGPUB; USPAT        | OR | ON  | 2007/04/16 11:08 |

## EAST Search History

|          |      |   |                              |    |     |                  |
|----------|------|---|------------------------------|----|-----|------------------|
| S11<br>0 | 20   | (index indices) same ((multiple plurality) with (lookup look-up) near3 tables) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S11<br>1 | 105  | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S11<br>2 | 63   | 712/5.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/16 11:08 |
| S11<br>3 | 632  | (lookup look-up) near2 tables with priorit\$3   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S11<br>4 | 24   | (string word) with (divid\$3 segment\$3 partition\$3) same (multiple plurality) with (lookup look-up) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S11<br>5 | 43   | (parallel simultaneous\$2) with (look-up lookup) near3 table with (indices addresses) with (plurality multiple two) and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S11<br>6 | 31   | ("4,467,421" "4,782,325" "5,101,487" "5,155,824" "5,177,704" "5,237,675" "5,249,283" "5,278,970" "5,280,600" "5,353,426" "5,481,487" "5,530,933" "5,712,996" "5,742,529" "5,835,389" "5,978,896" "6,036,350" "6,243,803" "6,249,853" "6,282,556" "6,330,654" "6,363,475" "6,389,526" "6,404,816" "6,404,923" "6,529,968" "6,553,430" "6,681,292" "6,721,813" "6,829,683" "20030005267").pn. | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/16 11:08 |
| S11<br>7 | 22   | (S108 S116) and (table indices index)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S11<br>8 | 1    | "6446198".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/16 11:08 |
| S11<br>9 | 2401 | "memory controller" with integrat\$3 with processor and g06f\$.ipc.   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S12<br>0 | 94   | (parallel simultaneous\$2) with (lookup look-up) same combin\$5 and g06f\$.ipc.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/16 11:08 |
| S12<br>1 | 14   | ("6223320").URPN.   | USPAT                        | OR | OFF | 2007/04/16 11:08 |
| S12<br>2 | 1    | (lookup look-up) with (different variable vary\$3) with (length width size) with (index\$3 indice address\$2) and g06f\$.ipc.   | EPO                          | OR | ON  | 2007/04/16 11:08 |
| S12<br>3 | 1    | Simar.in. and @pd>="19980701" and @pd<="19980731"   | EPO                          | OR | OFF | 2007/04/16 11:08 |

## EAST Search History

|          |     |  |                              |    |     |                  |
|----------|-----|--|------------------------------|----|-----|------------------|
| S12<br>4 | 5   | ("5537421"   "5619516"   "5778013"<br>  "5959786"   "6029186").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/16 11:08 |
| S12<br>5 | 66  | (lookup look-up) with (different<br>variable vary\$3) with (length width<br>size) with (index\$3 indice<br>address\$2) and g06f\$.ipc. | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S12<br>6 | 332 | (parallel simultaneous\$2) with<br>(look-up lookup) near3 table with<br>(indices addresses)  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S12<br>7 | 42  | (parallel simultaneous\$2) with<br>((multiple plurality) with (lookup<br>look-up) near3 tables!) and g06f\$.<br>ipc.                   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S12<br>8 | 170 | "memory controller" with integrat\$3<br>with processor with single near2<br>(circuit chip) and g06f\$.ipc.                             | US-PGPUB;<br>USPAT           | OR | ON  | 2007/04/16 11:08 |
| S12<br>9 | 2   | ("6223320"   "6327651").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/16 11:08 |